



and let  $B(o)$  denote "the outcome is  $o$ "

so we are considering counterfactuals of the form

$$A \Box \rightarrow B(o)$$

where  $A = (s, s)$ ,  $o = (d_s, z_s)$

$$A = (s, p), o = (d_s, z_p)$$

$$A = (f, s), o = (d_f, z_s)$$

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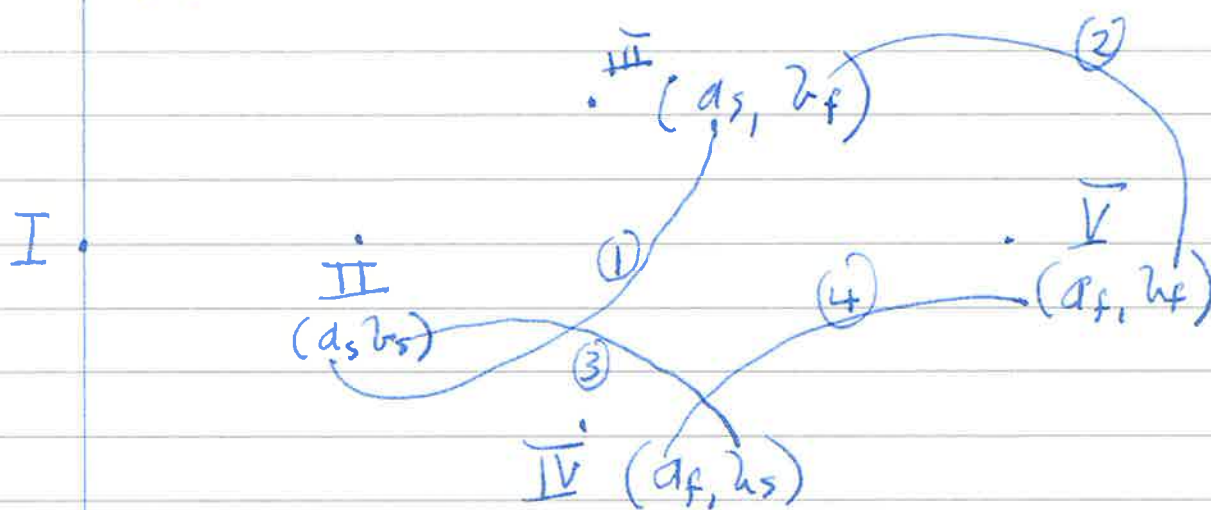
1. let  $\bar{I}$  be the actual world.

then consider  $\exists o! (A \Box \rightarrow B(o))$

This is a Pretest of Counterfactual Determinateness.  
which is False under the standard of underdetermination

But  $A \Box \rightarrow \exists o! (B(o))$

a Pretest of counterfactual determinateness is true.





How can we establish that the matching condition is satisfied with up to the four trees ①, ②, ③ & ④.

2. Let  $\text{II}$  be the actual word.

Mr. Lewis says ① is true.  
and ② is true.

but not ③ and ④.

3. Nested Counterfactuals:

$\text{II} \rightarrow \text{I}$  gives tree ② as seen from word  $\text{II}$

$\text{II} \rightarrow \text{V}$  gives tree ④ as seen from word  $\text{IV}$ .

But the two word  $\text{V}$ 's we are led to via the two routes are not the same word.

This is the broken-square problem, that can only be solved if we assume determinism.